

IN THE ABSTRACT:

Please replace the abstract with the following:

ABSTRACT OF THE DISCLOSURE

A separator including a vertical axis of rotation, a drum having solids discharge openings and a conical centrifugal space, and a disc stack located in the conical centrifugal space. Also included is a plurality of conical discs super-imposed on one another and having disc bores forming at least one rising channel in the disc stack. Further included is a drum, a distributor and a lower base section which expands radially, and on which lower base section are one or more distributor channels.